

## Detailed Estimate

**OD/365/3503/120299/387671/00076032 : Const. of CC road from Kalicharan Mohanta house to Gopabandhu house at Purunapani**

**Block : Rairangpur, Gram Panchayat : Purunapani**

**Created By:AMITA RANI MAJHI**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	195.000	0.830	0.830	0.028	7.603	-
ii	Road	1.000	45.000	12.000	0.500	0.028	7.641	-
Total Quantity					15.2443893 cum (cum)		15.2443893 Cum (Cubic Meter)	
Amount					15.2443893 X 240.77592		3670.48	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	195.000	0.830	0.160	0.028	1.466	-
ii	Road	1.000	195.000	10.330	0.330	0.028	18.812	-
Total Quantity					20.27772825 cum (cum)		20.27772825 Cum (Cubic Meter)	
Amount					20.27772825 X 759.412132		15399.15	
<b>3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cut off	2.000	195.000	0.830	0.660	0.028	6.046	-
ii	Road	1.000	195.000	12.000	0.330	0.028	21.853	-
Total Quantity					27.8993286 cum (cum)		27.8993286 Cum (Cubic Meter)	
Amount					27.8993286 X 5808.4440268		162051.69	

**4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc**

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	2.000	195.000	0.000	0.500	0.093	18.116	-
Total Quantity					18.1155 Sqm (Sqm)		18.1155 Sqm (Square Meter)	
Amount					18.1155 X 216.23489289764		3917.20	

**5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum**

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete as per specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Road	1.000	195.000	12.000	0.330	0.028	21.853	-
Total Quantity					21.85326 cum (cum)		21.85326 Cum (Cubic Meter)	
Amount					21.85326 X 7311.9566706		159790.09	
Total Amount							344828.62	
Addition								

Provision for Contingency (+) @	0.00
Display Citizen Board (+) @	3771.00
Any Other Lumpsum (+) @	1400.00
Provision for survey investigation and quality control (+) @	0.00
<b>Total Addition</b>	<b>5171.00</b>
<b>Grand Net Total Amount</b>	<b>349999.62</b>

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